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STIC Database Tracking Number: 107768

To: Colby Hansen  
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Wednesday, April 19, 2006

Case Serial Number: 10/615553

From: Etelka R. Griffin  
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KNOX/4B68  
Phone: 571-272-4230

Etelka.griffin@uspto.gov

## Search Notes

## LITIGATION

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Terms: [patno=6453767](#) ([Edit Search](#) | [Suggest Terms for My Search](#))

715731 (09) 6453767 September 24, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6453767

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September 24, 2002

Adjustable vehicle control pedals

**APPL-NO:** 715731 (09)

**FILED-DATE:** November 17, 2000

**GRANTED-DATE:** September 24, 2002

**CORE TERMS:** pedal, arm, driven, slot, screw, pivot, jack, pin, shaft, gear ...

**ENGLISH-ABST:**

An adjustable control pedal apparatus is used in a motor vehicle. The pedal apparatus includes a pedal assembly mounted to a support bracket mounted to the vehicle by a pivot shaft. The pivot shaft contains a worm gear. The pedal assembly includes a pedal arm pivotally mounted to an inner arm. A jack screw extends between the inner arm and pedal arm. The jack screw has a pinion portion on one end which is driven by the worm gear of the pivot shaft. A threaded portion of the jack screw is threadably received in a slide block mounted to the pedal arm. Rotation of the pivot shaft by a motor correspondingly turns the jack screw to adjust the position of the pedal.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 

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Segments: Abst, Appl-no

Date/Time: Wednesday, April 19, 2006 - 11:02 AM EDT



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pre/N	prec
w/p	in sa
not w/p	not i
w/seg	in sa
not w/seg	not i
w/s	in sa
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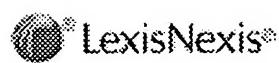
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pre/N	prec
w/p	in se
not w/p	not i
w/seg	in se
not w/seg	not i
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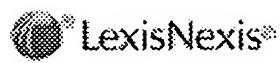
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**Patent Number :**  
US6453767 B1 20020924 [US6453767]

**Title :**  
(B1) Adjustable vehicle control pedals

**Patent Assignee :**  
(B1) KSR IND CORP (US)

**Patent Assignee :**  
KSR Industrial Corporation, Southfield MI [US]

**Inventor(s) :**  
(B1) WILLEMSSEN LARRY G (CA); KOLWICH GREGORY SCOTT (US)

**Application Nbr :**  
US71573100 20001117 [2000US-0715731]

**Filing Details :**  
Divsn of US309526 19990511 [1999US-0309526]  
C.I.P. of US135346 19980817 [1998US-0135346]  
C.I.P. of US947563 19971009 [1997US-0947563] (Abandoned)  
Division of: US6151986  
Continuation-in-part of: US6178847

**Priority Details :**  
US71573100 20001117 [2000US-0715731]  
US30952699 19990511 [1999US-0309526]  
US13534698 19980817 [1998US-0135346]  
US94756397 19971009 [1997US-0947563]

**Intl Patent Class :**  
(B1) G05G-001/14

**IPC Advanced All :**  
G05G-001/14 [2006-01 A - I R M EP]

**IPC Core All :**  
G05G-001/14 [2006 C - I R M EP]

**EPO ECLA Class :**  
G05G-001/14P

**US Patent Class :**  
ORIGINAL (O) : 074512000; CROSS-REFERENCE (X) : 180334000

**Document Type :**  
Corresponding document

**Citations :**  
US2860720; US2906342; US2908183; US2936867; US3301088; US3319487;  
US3338348; US3400607; US3511109; US3643524; US3691868; US3754480;  
US3765264; US3798995; US3828625; US3958677; US3975972; US4497399;  
US4683977; US4870871; US4875385; US4912997; US4989474; US5010782;  
US5078024; US5086663; US5172606; US5351573; US5385068; US5408899;  
US5460061; US5497677; US5632183; US5722302; US5771752; US5996438;  
US5996439; US6019015; US6073515; US6151985; DE2644628; JP58-47923

**Publication Stage :**  
(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

**Abstract :**  
An adjustable control pedal apparatus is used in a motor vehicle. The pedal apparatus includes a pedal assembly mounted to a support bracket mounted to the vehicle by a pivot shaft. The pivot shaft contains a worm gear. The pedal assembly includes a pedal arm pivotally mounted to an inner arm. A jack screw extends between the inner arm and pedal arm. The jack screw has a pinion portion on one end which is driven by the worm gear of the pivot shaft. A threaded portion of the jack screw is threadably received in a slide block mounted to the pedal arm. Rotation of the pivot shaft by a motor correspondingly turns the jack screw to adjust the position of the pedal.

**Update Code :**  
2002-40

1 / 1 LGST - @EPO  
**Patent Number :**  
US6453767 B1 20020924 [US6453767]  
**Application Number :**  
US71573100 20001117 [2000US-0715731]  
**Action Taken :**  
20001227 US/AS-A  
**ASSIGNMENT**  
OWNER: KSR INDUSTRIAL CORPORATION SUITE 330 20300 CIVIC C  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:WILLEMSSEN, LARRY G.;KOLWICH,  
GREGORY SCOTT;REEL/FRAME:011409/0422;SIGNING DATES FROM 20001122 TO  
20001127  
  
20040106 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030708  
**Update Code :**  
2004-31

1 / 1 CRXX - @CLAIMS/RRX  
**Patent Number :**  
6,453,767 A 20020924 [US6453767]  
**Patent Assignee :**  
KSR Ind Corp  
**Actions :**  
20030708 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20040106  
REISSUE REQUEST NUMBER: 10/615553  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3682

Reissue Patent Number:

INPADOC International Patent Documentation Center  
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Coverage: 75 patent offices ; start dates vary from 1968 forward  
Current through weekly update 2006-15/up ; last update 2006/04/14  
IPC Classes: for searching prior to 2006, use the qualifier: /IC  
For searching IPC v8 (pd>=2006), use the qualifiers: /ICAA /ICCA

1 / 1 INPADOC - @INPADOC  
**Patent Number :**  
US 6453767 BA 20020924 [US6453767]  
**Title :**  
ADJUSTABLE VEHICLE CONTROL PEDALS  
**Inventor(s) :**  
WILLEMSSEN LARRY G [CA]; KOLWICH GREGORY SCOTT [US]  
**Patent Assignee (Words) :**  
KSR IND CORP [US]  
**Application Details :**  
US 715731/00-A 20001117 [2000US-0715731]  
**Priority Details :**  
US 715731/00-A 20001117 [2000US-0715731]  
US 309526/99-A3 19990511 [1999US-0309526]  
US 135346/98-A2 19980817 [1998US-0135346]  
US 947563/97-B2 19971009 [1997US-0947563]  
**Intl. Patent Class. :**  
G05G-001/14

1 / 1 LGST - GEPO

**Patent Number :**

US6453767 B1 20020924 [US6453767]

**Application Number :**

US71573100 20001117 [2000US-0715731]

**Action Taken :**

20001227 US/AS-A

ASSIGNMENT

OWNER: KSR INDUSTRIAL CORPORATION SUITE 330 20300 CIVIC C

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:WILLEMSSEN, LARRY G.;KOLWICH, GREGORY SCOTT;REEL/FRAME:011409/0422;SIGNING DATES FROM 20001122 TO 20001127

20040106 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030708

**Update Code :**

2004-31